

FIGURE 3C (1:11, LIGHT CHAIN) [SEQ ID NO.: 1]

GAGCTCACGC AGTCTCCAGG CACCCCTCCAG TTGTCTCCAG GGGAAAGAGC CACCCCTCTCC TGCGGGCCA
GTCAGAGTGT TAGGAGAAC TACTTAGCCT GGTACCAAGCA AAAACCTGGC CAGGCTCCCCA GGCTCCAT
CTATGGGTGA TCCAGCAGGG CCACTGGCAT CCAGACAGG TTCAGTGGCA GTGGGTCCTGG GACAGACCTTC
ACTCTACCA TCAGCAGACT GGAGCCCTGAA GATTITGCAG TGTATTACTG TCAGGAGTAT GGTAGCTCAC
CTCGGACTTT TGGCCAGGGG ACCAAGTTGG AGATCAA

FIGURE 3D (L3, LIGHT CHAIN) [SEQ ID NO.: 1]

GAGCTCACGC AGTCTCCAGC CACCCCTCCAG GTGTCTCCAG GGGAAAGAGC CTCCTCTCC TGCGAGGGCA
GTCAGAGTGT CGGTAAATAAT TTAGCTGGT ATCAGCAGAA ACCTGGCAA CTGTCAGGC TCCTCATTA
TGTTGGAAAC ACCAGAGCCA CTGGTACCCC AGACAGGGTC AGTGGCAGTG GGTCGGAC AGAATTCACT
CTCACCATCA GCAGGCTGCA GTCTGAGGAC TTGCACTTT ATTCTGTCA AACTATAGT ACCTGGGCC
TCACITTCGG CGGGGGACC AAGGTGAGT TCAAG

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FIGURE 3A (1:5, LIGHT CHAIN) [SEQ ID NO.: 1]

GAGCTCACGC AGTCTCCAGG CACCCCTGGT TGTCTCCAG GGGAAAGAGC CACCCCTCTCC TGCAAGGGCA
GTCAAGAGTGT TAGCAGCAAT TACTTAGCCT GGTACCGCA GAGACCTGGC CAGGCCTCCC GGCTCCAT
CTATGGTGCA TCCAGCAGGG CCACCTGGCAT CCCAGACAGG TTCACTGGCA GTGGGTCTGG GACAGACTC
ACTCTCACCA TCACGCAGCT GGAGCCTGAA GATTTTGGAG TGTATTACTG TCAGCTTAT GTAAACIAC
GTTGGACGTT CGGCCAAGGG ACCAAGGTGG AGATCAA

FIGURE 3B (1:7, LIGHT CHAIN) [SEQ ID NO.: 1]

GAGCTCACTC AGTCTCCAGG CACCCCTGGT TGTCTCCAG GGGAAAGAGC CACCCCTCTCC TGCAAGGGCA
GTCAAGAGTGT TAACAAGTAC TTAGCCTGGT ACCAACAGAA ACCTGGCAG GCTCCAGGC TCCTCATCTA
TGATGCATCC AACAGGGCCA CTGGCATCCC AGCCAGGTC AGTGGCAGTG GGTCIGGGAC AGACTCTACT
CTCACCATCA GCAACCTAGA GCCTGAAGAT TTGGCAGTT ATTACTGTCA GCAGCGTAGC GACTGGGTCA
CTTTCGGGG AGGGACCAAG GTGGAGATCA AA

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FIGURE 2E (L1, LIGHT CHAIN) [SEQ ID NO.: ____]

AELTQSPGTL SLSVGERATL SCRASQNIYS GYLGWYQQKPK QQPRLIYQ ASNRAIGIPD
CDR 1 CDR 2 CDR 3
- RFSGSGSGTID FTLSISRLES EDFAVYYCQQ YGSPPYTFGQ GTKVEIK

FIGURE 2F (A8, LIGHT CHAIN) [SEQ ID NO.: ____]

AELTQSPSSL SAFVGDRVTI TCRASQSISRNLLNWWYQQKPG TAPKVLIYAA SSLQSGVPSR
CDR 1 CDR 2 CDR 3
- FSGSGSGTDF TLTTTSLOPE DFATYYCQQS YTTPRIFGQG TKVEVK

FIGURE 2G (A12, LIGHT CHAIN) [SEQ ID NO.: ____]

AELTQSPGTL SLSVGERATL SCRASQSISS KYLAWYQQKPK QQPRLIYD ASSRAIGIPD
CDR 1 CDR 2 CDR 3
- RFSGSGSGTID FTLSISRLEP EDFAVYYCQQ YGTPIRIFGQG TKVEIK

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FIGURE 2C (1:11, LIGHT CHAIN) [SEQ ID NO.:]

CDR1 AEITQSPGTL SISPGERATL SCGGASOSVRS NYLAWYQQKPK GQAPRLLIYG VSSRATCIPD RFSGSGSGTD FTLTISRLEP EDFAVYYCQQ YGSSPRTFGQ GTKLEIK

CDR2 CDR3

CDR1 AEITQSPATL SVSPGERAISL SCRASOSVGN NLAWYQQKPG QAPRLLIYG NTTRATGTPDR FSGSGSGTEF TLTSISLQSE DFAVYFCQHY STWPLTFGGG TKVEFK

CDR2 CDR3

FIGURE 2D (L3, LIGHT CHAIN) [SEQ ID NO.:]

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FIGURE 2A (1:5, LIGHT CHAIN) [SEQ ID NO.:]

CDR1 AEITQSPGTL SLSPGERATL SCRASOSVSSNYLAWYQQRP QQAPRLLIYQASSRATGIPD RFSGSGSGTDF FTLTISRLEP EDFAVYYCOLYGNSRWTFGQ GTKVEIK

CDR 2

CDR1 AEITQSPATL SLSPGERATL SCRASOSVSYKYLAWYQQKPG QAPRLLIYDA SNRATGIPAR FSGSGSGTDF TLTISNLEPE DFAVYYCOOR SDWATFGGGT KVEIK

CDR 2

FIGURE 2B (1:7, LIGHT CHAIN) [SEQ ID NO.:]

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FIGURE 1E (L1, HEAVY CHAIN) [SEQ ID NO. : ____]

CDR 1 EVQLLESGGG VVQPGRSRL SCAASGFTFS AYGMHWVRQA PGKGLEWVAG IWFEDGSNQQYSDSYVKGRFTV -
SRDNSRNTLF LQMNSLRPED TAVYYCATEV LFGSIKGRRY LENWGQGTLYTVSS

FIGURE 1F (A8, HEAVY CHAIN) [SEQ ID NO. : ____]

CDR 1 EVQLLESGGP LVKPGS GTLSL TCTVSGGSIR SSSHWWSSWVRQ PPGKGLEWIG EYEESGSTIYNPSLNDRVFM
CDR 2 SVDKSKDQVS LRLLSVTAAD TAVYYCARSP IKMINQGRMML DAFDIWGQGTLVIVSS

FIGURE 1G (A12, HEAVY CHAIN) [SEQ ID NO. : ____]

CDR 1 EVQLLESGGSE VKKPGSSVKV SCRASGGSSFR SYNFNWVRQA PGQGLEWVAGG IIPMFGTANYAQKFEQQGRVTI -
CDR 3 TADESTATGY MELSSLRSED TAVYYCAMPY PKHCSRGS CW GWFDPWGQGTLYTVSS

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FIGURE 1C (1:11, HEAVY CHAIN) [SEQ ID NO.: 1]

CDR1 EVQLEQSGA EVKKPGSSVK VSCKASGGTF SGHVISWVRQ APCQCLEWNG QSIISSEGTSN SAQKEOGRVS ITADESASTA YMELSSLRSE DTAIYYCAKD PPRECSGGNC YPQGFFQQWGQ CTLVTVSS

CDR2

CDR3

CDR1 EVQLESGGG VVQPGRSRL SCAASGFTFK TGMHHWVRQA PGKGLEWAG ISEDGSNOYY ADSVKQRFLW SRDNNSRDTVF IQMSSSLRLED TAVIYCATEG SPFGSIKGRY YLENWGQCTL VTVSS

CDR2

CDR3

FIGURE 1D (L3, HEAVY CHAIN) [SEQ ID NO.: 1]

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FIGURE 1A (1:5, HEAVY CHAIN) [SEQ ID NO.:]

CDR1 EVQLEQSGA EVRKPGSSVK VSCKASGGTF SGHVTWVRQ APGQGLEWMG ESPIEGSAN YAONYAOKER DRVSIADES TSTSFIELDS LSDDTAVY CARDPPRCS AGRCYPGEFO QWVGQQGTIVTVSS

CDR2

CDR3

CDR1 EVQLEQSGA EVKKPCCSYK VSCQQVFGDTF SRTIQWLRQ APGQQPEWNG NIPVYNTEN YAOKEQGRLS ITADDSTSTA YMELSSLSE DTAVYFCARY VTPNAIRHTM GOYEDYVGQQ TLVTSS

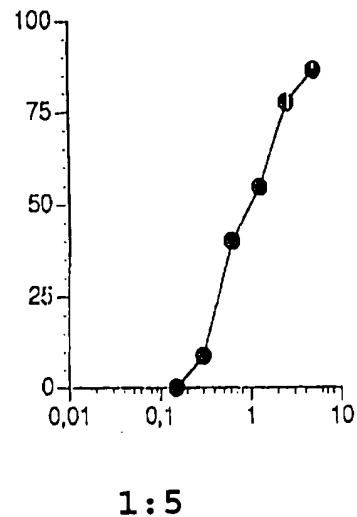
CDR2

CDR3

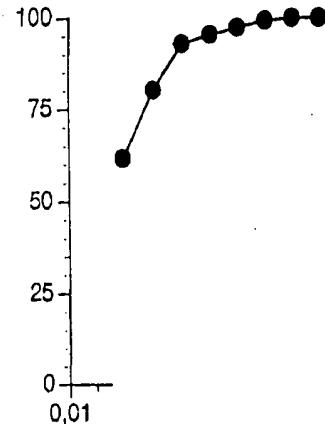
FIGURE 1B (1:7, HEAVY CHAIN) [SEQ ID NO.:]

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% Neutralisation of E2 (HCV-1a) binding



1:5



L3

1:7

FIGURE 5

1:11

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FIGURE 4E (L1, HEAVY CHAIN) [SEQ ID NO. :]

GAGGTGCAGC TGCTCGAGTC TGGGGGAGGC GTGGTCCAGC CTGGGAGGTC CCTGAGACTC TCCTGTGCCAG CGTCTGGATT CACCTTCAGT GCTTATGGCA TGCACTGGGT CGGCCAGGTC CGGCCAGGTC GGCTGGAGTG GGTGGAGGT ATATGGTTT ATGGAAAGTAA TCAAATACTAT TCAGACTCCG TGAAGGGGG ATTACCGGTC TCCAGAGACA ATTCCAGGA CACGGCTGTT CTGCAAATGA ACAGGCTGAG ACCCGAGAAC ACGGCTGTCT ATTACTGTGC GACAGAGGTA CTTTTGGAT CGATTAAGGG GCGTTACTAC CTTGAAAATC GGGGGCAGGG AACCCCTGGTC ACCGTCTCC CA

FIGURE 4F (A8, HEAVY CHAIN) [SEQ ID NO. :]

GAGGTGCAGC TGCTCGAGTC GGGCCAGGA CTGGTGAAGC CTTCGGGGAC CCTGTCCTCC ACCTGCACTG TCTCTGGTGG CTCCATCAGG AGCAGTCAGT GGTTGGAGTTG GGTTCGCCAG CCCCAAGGGAA AGGGACTTGA GTGGATTGGA GAAGTCTTT TTAGTGGAAAG CACCATCTAC AACCCATCCC TCAACGATCTCG AGTCTTCATG TCTGTAGACA AGTCCAAGGA CCAGGTCTCC CTGAGGCTGA GCTCTGTGAC CGCCGGGAC ACGGCCGTGT ATTACTGTGC GAGATCCCCC ATAATAATGA ATCAGGGAAG AATGATGTG GATGCCTTG ATATCTGGGG CCAGGGGACA CTCGTCATCG TCTCTCC

FIGURE 4G (A12, HEAVY CHAIN) [SEQ ID NO. :]

GAGGTGCAGC TGCTCGAGTC TGGGGTCTGAG GTGAAGAAGC CTGGGTCTTC GGTGAAGGTC TCCTGCAGGG CCTCTGGAGG CAGCTTCAGA AGCTACAATT TCAATTGGGT GCGACAGGCC CCTGGACAAAG GTCTTGAGTG GATGGGAGGC ATCATCCCTA TGTTGGAAC AGCAAACCTAC GCACAGAAAGT TTCAAGGCGAG AGTCACAAATT ACCGGCGACG AATCCACGGC CACAGGCTAC ATGGAGTTGA GCAGGTCTGAG ATCTGAAGAC ACGGCCGTTT ATTACTGTGC GATGCCCTAT CCAAAACATT GCAGTCGTGG AAGTTGCTGG GGCTGGTTG ACCCCTGGGG CCAGGGAACT CTGGTCACCG TGTCTCA

FIGURE 4C (1:11, HEAVY CHAIN) [SEQ ID NO. 1]

CTCGAGGAGT CTGGGGCTGA GGTGAAGAAG CCTGGCTCT CAGTGAAGGT CCTCTGCAAG GCTCTGGAG
GCACCTTCAG CGGCCATGTT ATCAGCTGG TGCGACAGGC CCTGGACAA GGGCTTGAGT GGATGGGGG
GAGTATCTCT TTCTTGGCA CATCAAACTC CGCACAGGAAG TTCCAGGGCA GAGTCTCGAT TACCGGGAC
GAATCCGGCA GCACAGCCTA CATGAGCTG AGTAGCTGA GATGGAGGA CACGGCATC TATTACCTG
CGAAAGACCC TCCAAGATTT GTAGTGGTG GTAATGCTA CCCGGGTC TTCCAGGAGT GGGGCCAGGG
CACCCCTGGTC ACCGTCTCC CA

FIGURE 4D (L3, HEAVY CHAIN) [SEQ ID NO. 1]

CTCGAGTCGG GGGGAGGCGT GGTCCAGCCT GGGAGGTCCC TGAGACTCTC CTGTCAGCG TCTGGAAATCA
CCTTCAAAGAC GTATGGCATG CACTGGTCC GCAGGGCTCC AGGCAAGGG CTGGAGTGGG TGGCAGGTAT
TTCGTTTGGAT GGAAGTAAC AATATTACGC AGACTCCGT AAGGGCCGAT TCATCTCTC CAGAGACAAT
TCCAGGGACA CGGTGTTCT GCAGATGAGC AGCCTGAGAC TCGAGGACAC GGCTGTCTAT TACTGTGGG
CAGAGGGTTC TCCCTTGGC TCGATAAGG GCGTTACTA CCTTGAAAT TGGGGCCAGG GAACCCTGGT
CACCGTCTCC TCA

FIGURE 4A (1:5, HEAVY CHAIN) [SEQ ID NO.: 1]

CTCGAGGAGT CTGGGGCTGA GGTGAGGAAG CCTGGGTCCCT CGGTGAAGGT CTCCTGCAAG GCTCTGAG
GCACCTTCAG CGGCCATGTT ATCACCTGGG TGCGACAGGG CCCCTGGACAA GGACTTGAGT GGATGGGAGA
GAGCATCCCT ATCTTTGGTT CGCACAACTA CGCTCAAAC AAC TACGCTCAGA AATTCCGGGA CAGAGTCAG
ATTATCGCGG ACGAATCCAC GAGCACGTCG TICATTGAGC TGAGCAACCT GAGATCTGAC GACACGGCCG
TCTACTTG TGCGAGAGAC CCTCCAAGAT ATTGCAGTGC TGGTAGATGC TACCCGGAT TCTTCCAGCA
GTGGGCCAG GGCACCCCTCG TCACCGTCTC CTCA

FIGURE 4B (1:7, HEAVY CHAIN) [SEQ ID NO.: 1]

CTCGAGGAGT CTGGGGCTGA GGTGAGGAAG CCTGGGTCCCT CGGTGAAGGT CTCCTGTCAG GTTTTGAG
ACACCTTCAG CAGATAACACT ATTCACTGGT TGGACAGGG CCCCTGGACAA GGCCCTGAGT GGATGGGAAA
TATCATCCCT GTCTATAATA CACCAAACTA CGCGAGAAG TTTCAGGGCA GACTCTCGAT AACCGCCGAC
GATTCACGA GCACAGCCTA CATGGAACCTG AGTAGCCTCA GATCTGAGGA CACGGCCGTC TATTCTGTG
CGAGAGTCGT AATACCAAAT GCAATCCGGC ACACGATGGG ATATTACTT GACTACTGG GCCAGGGAAC
CTGGGTCAACC GTCTCCCTCA

FIGURE 3E (L1, LIGHT CHAIN) [SEQ ID NO. : ____]

GAGGTGGCAGC TGCTCGAGTC TGGGGGAGGC GTGGTCCAGC CTGGGAGGTC CCTGAGACTC TCCTGTGCAG
CGTCTGGATT CACCTCACTG GCTTATGGCA TGCACTGGGT CGGCCAGGCT CCAGGGAAGG AGCTGGAGTG
GGTGGCAGGT ATATGGTTG ATGGAAAGTA TCAATACTAT TCAGA CTCG TGAAAGGCCG ATTACCGTC
TCCAGAGACA ATTCAGGGAA CACCGCTGTT CTGCAAATGA ACAGGCCGTGAG ACCGGAGGAC ACGGCTGTCT
ATTACTGTGC GACAGAGGTAA CTTTGGAT CGATTAAGGG AGCTTACTAC CTTGAAAATC GGGGCCAGGG
ACCCCTGGTC ACCGTCTCC CA

FIGURE 3F (A8, LIGHT CHAIN) [SEQ ID NO. : ____]

GGGGAGCTCA CCCAGGCTCC ATCGTCCCTG TCTGCATTG TNGGAGACAG AGTCACCATC ACTTGGCGGG
CAAGTCAAGG TATTAGCAGG AACCTAAATT GGTATCAGCA GAAACCCAGGG ACAGGCCCTA AGGTCCCTGAT
CTATGCTGCA TCCAGTGGC AAAGTGGGG CCCATCGAGG TTCAGTGGCA GTGGATCTGG GACAGATTTC
ACTCTACCCA TCACCAGCT GCACACTGAA GATTTGCAA CTTACTATTG TCAACAGAGT TACACAACCC
CTCGGACGTT CGGCCAAGGG ACCAAGGTTG AAGTCAAA

FIGURE 3F (A12, LIGHT CHAIN) [SEQ ID NO. : ____]

GGCGAGCTCA CGCAGGCTCC AGGCACCCCTG TCTTTGCTC CAGGGAAAG AGCCACCCCTC TCCTGCAGGG
CCAGTCAGG TCTTAGCAGC AAATACTTAG CNTGGTACCA ACAGAAAACCT GCCCAGGCTC CCAGGCTCT
CATTTATGAT GCATCCAGCA GGCCACCTGG CATCCCAGAC AGGTTCACTGG GCAGTGGTC TGGGACAGAC
TTCACTCTCA GCATCAGCAG ATTGGAGGCT GAAGATTGG CAGTGTATTACTGTCAAGCAG TATGGAACAC
CTGGACCTT CGGCCAAGGG ACCAAGGTTG AAATCAA